





**PRIMER COMPOSITION****Publication number:** JP63051474**Publication date:** 1988-03-04**Inventor:** YAMAMOTO SHOSAKU; KAKINUMA KAZUO; ISHIOKA HIROSHI; SODEYAMA FUMIO; MAYUMI JUNJI; MARUTA RIICHIRO**Applicant:** NIPPON OILS & FATS CO LTD**Classification:**

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[Report a data error here](#)**Abstract of JP63051474**

**PURPOSE:**To obtain a primer composition capable of simultaneously coating both materials of steel plate and plastic with the same middle coating compound and top coating compound, having uniform qualities of coating films between coating film son both the materials, containing a specific primary hydroxyl group-containing polycaprolactone graft polymer. **CONSTITUTION:**A primer composition comprising a primary hydroxyl group- containing polycaprolactone graft polymer obtained by subjecting a ring opening polymer of epsilon-caprolactone[preferably alpha,beta-unsaturated group-containing polycaprolactone obtained by subjecting a epsilon-caprolactone to ring opening to a hydroxyl group-containing (meth)acrylic ester such as (meth)acrylic acid 2- hydroxymethyl ester, etc.] to graft polymerization in 0.5-50wt.% graft ratio onto a styrene butadiene styrene block copolymer (hydrogenated substance thereof) as a main component. **USE:**Simultaneous coating for steel plate material and plastic material for automobile.

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## (54) PRIMER COMPOSITION

## (57)Abstract:

PURPOSE: To obtain a primer composition capable of simultaneously coating both materials of steel plate and plastic with the same middle coating compound and top coating compound, having uniform qualities of coating films between coating film on both the materials, containing a specific primary hydroxyl group-containing polycaprolactone graft polymer.

CONSTITUTION: A primer composition comprising a primary hydroxyl group-containing polycaprolactone graft polymer obtained by subjecting a ring opening polymer of  $\epsilon$ -caprolactone[preferably  $\alpha,\beta$ -unsaturated group-containing polycaprolactone obtained by subjecting a  $\epsilon$ -caprolactone to ring opening to a hydroxyl group-containing (meth)acrylic ester such as (meth)acrylic acid 2-hydroxymethyl ester, etc.] to graft polymerization in 0.5W50wt.% graft ratio onto a styrene butadiene styrene block copolymer (hydrogenated substance thereof) as a main component.

USE: Simultaneous coating for steel plate material and plastic material for automobile.